Phenol tbdms

Other names:	Phenol, DMTBS
	Phenol, tbdms derivative
Inchi:	InChI=1S/C12H20OSi/c1-12(2,3)14(4,5)13-11-9-7-6-8-10-11/h6-10H,1-5H3
InchiKey:	CLMZYPRKIYEXFB-UHFFFAOYSA-N
Formula:	C12H20OSi
SMILES:	CC(C)(C)[Si](C)(C)Oc1ccccc1
Mol. weight [g/mol]:	208.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.74		Crippen Method
logp	4.071		Crippen Method
rinpol	1260.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U331820&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices